



Discover.

In accordance with 23 CFR 635.411(3), this patented or proprietary product is approved for use based upon utilization of the product for research or experimental evaluation. As indicated The LPA will be responsible for providing MoDOT with the results of this evaluation.

Er E Schuster 9/30/14

State Design Engineer

August 24, 2014

Laura Ellen
District Liaison Engineer
MoDOT St. Louis District
1590 Woodlake Drive
Chesterfield, MO 63017

SUBJECT: Public Interest Finding
Route: 5th Street from Bass Pro Drive to First Capitol Drive – City of St. Charles
5th Street Gateway Improvement Project
Job Nos. STP-7302(628), STP-7302(629), and STP-7302(651)

Dear Ms. Ellen,

With reference to the above mentioned project, we request approval of a finding in the public interest to install and evaluate Aldis "Gridsmart" video intersection turning movement traffic counting devices and accessories for the 5th Street Gateway Improvement Project.

This request mirrors the already approved Public Interest Finding for the GGL Phase 2 project which proposes to procure and deploy up to three of these intersection traffic counting systems, along with necessary accessories and management devices and softwares, as part of the GGL Phase 2 Intelligent Transportation Systems (ITS) improvement project.

The request to utilize this same product on the 5th Street Gateway Project will ensure conformity throughout the ITS system in St. Charles County and provide benefits such as known hardware and software compatibility, and the ability to maintain the item with a single type of product.

The Gateway Green Light Phase 2 project will closely review and evaluate the deployed devices and systems to determine if this technology can provide a cost effective alternative for collection and recording of turning movement information at signalized intersections as part of future GGL projects and system expansions. The system will also be evaluated to determine if it is a viable vehicle presence detector, allowing the elimination of multiple video detection systems at an intersection. Results of the field testing will be shared with MoDOT and other interested agencies. The City requests the authority to use this product on our 5th Street Gateway Improvement Project.

Approval of this request at your earliest convenience would be appreciated.

Sincerely,

Brad Temme

Brad Temme
Project Manager

**Department of
Public Works**

Engineering Division

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